

Animal Waste Management Workshop

What Goes In?



March 17-19, 2008 • Renaissance Inn • Keizer, Oregon

*Join other agricultural producers, contractors, and natural resource professionals to discuss innovations, trends and resources to manage nutrients by evaluating **what goes into** the animal.*

— Ask about possible CCA Credits —

Topics

- Feed Management as part of CNMP
- Economics of Feed Management
- Prescribed Grazing to Enhance Water Quality
- Behavior-Based Grazing Management
- Fertilizer Economics
- Programs & Assistance
- Odor Mitigation for Manure Storage
- Composted Bedded Packs
- Mortality Management
- AFO/CAFO Inspection Program Update

Dates & Times

- March 17: 1:00 - 4:30 p.m.
- March 18: 8:00 a.m. - 5:00 p.m.
- March 19: 8:00 a.m. - 12:00 p.m.

Location

Keizer Renaissance Inn
5188 Wittenberg Lane North
Keizer, OR 97303

Special Presentations

Feed Management as Part of a CNMP

Joe Harrison, Nutrient Management Specialist,
Washington State University

Prescribed Grazing Management for Enhancing Water Quality & Behavior-Based Grazing Management

Dr. Darrell Emmick, Natural Resource Specialist,
USDA Natural Resources Conservation
Service, New York

Registration

This workshop is free of charge.

Space is limited, so participants are asked to register in advance. To sign up or request additional information, contact:

Jennifer Zwicke, NRCS

Phone: **(503)414-3231**

E-mail: **jennifer.zwicke@or.usda.gov**

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Keizer Renaissance Inn, Keizer, OR

<http://www.keizerrenaissanceinn.com/location.html>



Keizer Renaissance Inn

5188 Wittenberg Lane North

Keizer, Oregon USA 97303

1-800-299-7221

503-390-4733

Info@KeizerRenaissanceInn.com

From Eastern Oregon

1. Take Oregon 22 West to Salem
2. Take I-5 North
3. Take exit 260 for Keizer
4. Turn left onto Lockhaven
5. Travel approximately 2 miles
6. Turn left on River Road N.
7. At next light turn left on Claggett
8. Turn right onto Wittenberg Lane

From Oregon Coast

1. Take Hwy. 22 East from the Coast
2. Take Portland exit off bridge
3. Turn right onto Liberty Rd.
4. Follow Liberty Rd. to River Rd.
5. Continue north to Claggett. Turn right
6. Turn right onto Wittenberg Lane

From Portland, Oregon

1. Take I-5 South from Portland
2. Take exit 260B for Keizer
3. Turn right onto Lockhaven
4. Travel approximately 2 miles
5. Turn left on River Road N.
6. At next light turn left on Claggett
7. Turn right onto Wittenberg Lane



Alternative lodging includes:

The Rodeway Inn

3340 Astoria Way NE, Salem, OR, 97303 Phone: (503) 393-6000

<http://www.rodewayinn.com/hotel-salem-oregon-OR057?promo=glocal>



Best Western: Black Bear Inn

1600 Motor Ct NE, Salem, OR, 97301-1801, Phone: (503) 581-1559

<http://www.bestwesternoregon.com/hotels/best-western-black-bear-inn/>



Phoenix Inn and Suites

1590 Weston Ct NE, Salem, OR, 97301, Phone (503) 581-7004

<http://www.phoenixinn.com/north-salem/>



AWM Workshop: What Goes In

AWM workshop is free and open to everyone interested in Animal Waste Management. Information is geared for people in Oregon, surrounding states, NRCS, and non-NRCS. Meeting space accomodates roughly 100 participants.

Tuesday March 17

Session	Time	Duration	Topic	Presenter
B1	1:00 PM	15 min	Introduction	Ron Alvarado
B2	1:15 PM	10 min	Introduction to Workshop and Resource Materials	Joe Harrison WSU
B3	1:25 PM	15 min	Defining the Purpose – Feed Management as part of CNMP	Jennifer Zwicke
B4	1:40 PM	20 min	The Nutritionist Certification Process	Joe Harrison WSU
B5	2:00 AM	20 min	Identify Conditions Where Practice Applies - Dairy	Joe Harrison WSU
B6	2:20 AM	30 min	Assessing the Opportunities – Opportunity Checklist - Dairy	Mike Gamroth, OSU
B7	2:50 PM	20 min	Break	
B8	3:10 PM	30 min	Economic Evaluation: Alter Feed Management or Export Beef & Dairy	White, WSU
B9	3:40 PM	20 min	Feed Management Plan Development - Dairy	Joe Harrison WSU
B10	4:00 PM	30 min	Implement and Monitor – Dairy	Mike Gamroth, OSU
	4:30 PM	End of Day		

Wednesday March 18

Session	Time	Duration	Topic	Presenter
B11	8:00 AM	60 min	NRCS Updates and Composted Bedded Packs	Jennifer Zwicke
B12	9:00 AM	60 min	Prescribed Grazing Management for Enhancing Water Quality	Dr. Darrell Emmick, NRCS NY
B13	10:00 AM	20 min	Break	
B14	10:20 AM	30 min	Prescribed Grazing Management for Enhancing Water Quality (cont)	Dr. Darrell Emmick, NRCS NY
B15	10:50 AM	40 min	Geological Considerations for Animal Waste Structures	Paul Pedone, NRCS OR
B16	11:30 PM	60 min	Lunch	
B17	12:30 PM	60 min	Fertilizer Economics	Dr. Sophia Glenn, NRCS OR & Hal Gordon NRCS WNTSC
B18	1:30 PM	60 min	Mortality Management	Mike Gamroth, OSU
B19	2:30 PM	15 min	Break	
B20	2:45 PM	45 min	Opportunities for Conservation Innovation Grants	Todd Peplin, NRCS
B21	3:30 PM	90 min	Behavior-Based Grazing Management: The Factors Influenceing Dry Matter Intake	Dr. Darrell Emmick, NRCS NY
	5:00 PM	End of Day		

Thursday March 19

Session	Time	Duration	Topic	Presenter
B22	8:00 AM	60 min	ODA Updates (new NPDES permit, etc)	Wym Matthews, ODA
B23	9:00 AM	60 min	Odor Mitigation Techniques for Manure Storage	Greg Zwicke, NRCS WNTSC
B24	10:00 AM	45 min	Break/ break-out meetings	
B25	10:45 AM	60 min	OnePlan demo/discussion	Jennifer Zwicke/ Denise Troxell
B26	11:45 PM	15 min	Wrap Up	Jennifer Zwicke / Troy Downing
	12:00 PM	End of Day		

Additional Learning Opportunities Include

Special group or one-on-one consultations with Darrell Emmick during the workshop. Requests for these consultations need to be made to Jennifer Zwicke by February 25.

Two additional Workshops/Meetings are being held in conjunction with the AWM Workshop:

Advanced CNMP
Advanced Nutrient Management

Pre-registration is mandatory

Please contact Jennifer Zwicke for more information
Jennifer.zwicke@or.usda.gov
503-414-3231

Advanced CNMP Meeting/Group Learning

Agenda is geared for discussion, problem solving, information sharing among experienced CNMP developers only. Attendance is not exclusive to NRCS but please call Jennifer Zwicke if you are not NRCS and would like to attend.

Monday March 16

Session	Time	Duration	Topic	Presenter
A1	12:00 PM	60 min	meet for lunch for those able to make it by noon	
A2	1:00 PM	30 min	Intro to Workshop	Jennifer Zwicke / Dave Dishman
A3	2:00 PM	60 min	A working session: TSPs vs NRCS: Making CNMPs consistent across the state	Group
	3:00 PM	15 min	break	
A4	3:15 PM	75 min	A working session: Discuss Checklists, helpful tips/forms to post on Oregon website, CNMP strategies to improve the products and increase implementation in Oregon	Group
	4:30 PM	End Day 1		

Tuesday March 17

A5	8:00 AM	45 min	some of our more difficult CNMPs and some of our more creative solutions that meet all 6 of the required CNMP elements. *	Each person be prepared to discuss interesting (or typical) CNMPs that you encounter
A6	8:45 AM	60 min	Discuss draft policy changes to CNMPs being developed at the national level (there are many). Create wish list for OnePlan.	Jennifer Zwicke
A7	9:45 AM	15 min	break	
A8	10:00 AM	75 min	Updates on new technologies in manure and mortality management	Jennifer Zwicke
A9	11:15 AM	15 min	Wrap-up	Group
	11:30 PM	End Day 2 of Advanced CNMP Workshop / Begin Day 1 of AWM Workshop after lunch		

* Example Topics:

- o Producers using paper pulp and the challenges that brings to the waste handling system
- o Hog producers and beef producers that are using bedded packs
- o Storing manure on prepared soil (rather than concrete) including drainage and surface protection
- o Hoop structures and their uses in Oregon

Advanced Nutrient Management (590) Refresher - West Side New Tools and New Development

Class is geared for certified planners or those with several years of experience working with Nutrient Management and NRCS 590 standard.

Thursday March 19				
Session	Time	Duration	Topic	Presenter
C1	1:00 PM	15 min	Intro	Denise Troxell / Dean Moberg
C2	1:15 PM	75 min	Exercise involving OSU publication (Jan 2008) have Dan walk through example discussion organic application/timing	Dan Sullivan
C3	2:30 PM	15 min	Break	
C4	2:45 PM	30 min	Expectations of new fertilizer guides	Group
C5	3:15 PM	75 min	Heat Units	Troy Downing
	4:30 PM	End of Day		
Friday March 20				
C6	8:00 AM	90	new 590 standard - Rotational P	Denise Troxell
			new 590 Jobsheet	
			OnePlan data entry for crop rotations/soil test data entry	
C7	9:30 AM	15 min	break	
C8	9:45 AM	60 min	nursey - in ground	Dean Moberg
C9	10:45 AM	45 min	Wrap-up	Group
	11:30 AM	End of Day		